



DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, D.C. 20380

NORMAL

TI-4733-15/9B
30 MAY 1997

U.S. MARINE CORPS TECHNICAL INSTRUCTION

RADIAC INSTRUMENTS

CALIBRATION REQUIREMENTS

Encl: (1) Calibration Requirements for RADIAC Instruments

1. Purpose. To identify the calibration requirements for RADIAC instruments.
2. Cancellation. TI 4733-15/9A
3. Information. The calibration requirements for RADIAC instruments identified in the enclosure take precedence over the instructions and requirements contained in the current editions of TI-4733-15/1 , TI-4733/15/13 (NAVAIR 17-35MTL-1), and TB 43-180.
4. Major Items Affected

<u>Description</u>	<u>NSN</u>	<u>TAMCN</u>	<u>I. D. No</u>
RADIAC SET, AN/PDR-75	6665-01-211-4217	H2370	09255A
RADIAC COMPUTER- INDICATOR, (PART OF AN/PDR-75) CP-696/PDR-75	6665-01-044-3836	H2370	
RADIAC DETECTOR, DT-236/PDR-75	6665-01-043-2191	C2105	

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<u>Description</u>	<u>NSN</u>	<u>TAMCN</u>	<u>I. D. No</u>
TRITIUM AIR MONITOR AN/PDR-74	6665-01-190-9570		
RADIAC SET. AN/PDR-43D	6665-00-738-5867	Part of E3110	Part of 04054A
RADIAC SET, AN/PDR-43E	6665-00-106-7554	Part of E3110	Part of 04054A
RADIAC SET, AN/PDR-43F	6665-01-116-7260	Part of E3110	Part of 04054A
RADIAC SET, AN/PDR-43G	6665-01-209-5447	Part of E3110	Part of 04054A
RADIAC SET, AN/PDR-56D	6665-00-053-3391	A1630	04648D
RADIAC SET, AN/PDR-56E	6665-00-211-6895	A1630	04648B
RADIAC SET, AN/PDR-56G	6665-01-016-8267	A1630	04648C
RADIAC SET, AN/PDR-56H	6665-01-161-5407	A1630	04648E
RADIAC SET, AN/VDR-2	6665-01-222-1425	H2368	09254A
RADIAC DETECTOR CHARGER, PP-4276/PD	6665-00-788-5779	H2369	05935A
RADIAC DETECTOR CHARGER, PP-4276A/PD	6665-00-104-7246	H2369	05935B
RADIAC DETECTOR CHARGER, PP-4276B/PD	6665-00-110-5081	H2369	05935C
RADIAC DETECTOR CHARGER, PP-4276C/PD	6665-00-489-3106	H2369	05935D

<u>Description</u>	<u>NSN</u>	<u>TAMCN</u>	<u>I. D. No</u>
RADIAC DETECTOR CHARGER, PP-4276D/PD	6665-01-281-9637	H2369	05935
RADIACMETER, IM-235C/PD	6665-01-352-9963		
RADIACMETER, IM-9F/PD	6665-00-705-6068	H2371	00183B
RADIACMETER, IM-9G/PD	6665-00-909-7194	H2371	00183D
RADIACMETER, IM-143/PD	6665-00-540-9004	H2372	00796A
RADIACMETER, IM-143A/PD	6665-00-764-6395	H2372	00796B
RADIACMETER, IM-143B/PD	6665-01-134-9714	H2372	00796C

5. Action

a. Commander, Marine Corps Logistics Base (MCLB), Albany, Commanding General, 3d FSSG, and Commanding Officer MCLB, Barstow

(1) Calibrate RADIAC instruments in accordance with the enclosure.

(2) Demilitarize and dispose of unserviceable RADIAC instruments which cannot be returned to a serviceable condition.

b. Marine Forces Calibration Facilities

(1) Fund for and maintain support agreements with RADIAC calibration facilities, as required, to support using units.

(2) Accept and forward for repair and calibration RADIAC instruments submitted by using units.

(3) Perform corrective maintenance, as required, on RADIAC detector chargers.

(4) Perform the zero test and the leak test on dosimeters, in accordance with Procedure 2 (see Enclosure (1)), at 4th echelon prior to evacuating them to higher echelon. Defective dosimeters may be disposed of locally.

c. Using Units

(1) Submit RADIAC instruments for calibration on or before the calibration due date.

(2) Maintain calibration control records on RADIAC instruments in accordance with the current edition of TM-4700-15/1.

BY DIRECTION OF THE COMMANDANT OF THE MARINE CORPS

OFFICIAL



M.K. HAYDEN
Colonel, USMC
Director, Program Support
Marine Corps Systems Command

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PCN 167 471049 00

CALIBRATION REQUIREMENTS FOR RADIAC INSTRUMENTS

<u>RADIAC Instruments</u>	NAVSEA SE700-AA-MAN-250/ RADIAC & TB 43-180 <u>Calibration Procedure</u>
AN/PDR-56D, E, G, H	Procedure 6
AN/VDR-2	ATSG-410 1/
AN/PDR-43 D	Procedure 5
AN/PDR-43 E, F, G	Procedure 44
AN/PDR-74 CP-696/PDR-75	Procedure 60 TB 9-6665-286-35
DT-236/PDR-75	2/
IM-235C	Procedure 2
IM-9F, G	Procedure 2
IM-143, A, B	Procedure 2
PP-4276, A, B, C, D	Procedure 12 3/

1/ In accordance with ATSG-410, two different calibrations apply. Contingency calibration refers to absorbed dose in tissue, used for calibration of Nuclear, Biological and Chemical units. Active calibration refers to absorbed dose in air, used for calibration of all other applications.

2/ The DT-236/PDR-75 does not require calibration and calibration labels will not be affixed.

3/ PP-4276() RADIAC Detector Chargers will be calibrated prior to issue from the supply system only, and a "Calibration-Not-Required" label will be affixed. No periodic calibration or periodic intermediate maintenance is required while issued to using units.

ENCLOSURE (1)